IN THE CLAIMS:

Please cancel claims 1-8 and replace with following new claims:

--9. Packaging system made of composite packaging material for the sealed enclosure of products such as transdermal therapeutic systems being subject to changes due to exchange with their environment or to partial volatilization of active ingredient comprising a barrier layer on the product side to which barrier layer there is applied a heat sealing layer wherein the heat sealing layer is formed by an active ingredient-resistant layer having a layer thickness of maximally 15 g/m2 weight per unit area, said active-ingredient resistant layer being applied from the liquid phase in a printing method and, after heat-activated sealing, displaying adhesion forces which are in the region of strength of the packaging materials.

10. The packaging system of claim 9 wherein the heat sealing layer covers only the sealing area.

11. The packaging system of claim 9 wherein a layer thickness of the heat sealing layer is between 2.5 and 3.5 g/m2 weight per unit area.

12.   The packaging system of claim 10 wherein a layer thickness of the heat sealing layer is between 2.5 and 3.5 g/m2 weight per unit area.

13.   The packaging system of claim 9 wherein the heat sealing layer comprises an ethylene/methacrylic acid dispersion which displays no measurable active ingredient uptake.

14.   The packaging system of claim 9 wherein the barrier layer comprises aluminum.

15.   The packaging system of claim 9 wherein heat sealing layer renders comprises a chemical composition which is sufficiently inert to nicotine.

16.   The packaging system of claim 10 comprising a layer within the area which is enclosed by the sealing layer, said enclosed layer entering into interaction with the packaged product.

17.   The packaging system of claim 16 wherein the enclosed layer is formed by a moisture absorbent layer.--